

In Vitro Immunological Response of Cultured
Lymphoid Cells, by B. V. Pinegin
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 3, Nov 1967, pp 706-707.
CB

Aug 68

362, 342

Phosphorus Compounds of Cell-Wall Preparations
of *Neurospora crassa* Mycelia, by I. A. Krashennikov,
G. I. Konoshenko.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 177, No 3,
Nov 1967, pp 711-713.

Co

Jul 67

361,072

Apex Differentiation of Sympodially Branching
Shoots of Certain Woody Plants, by

N. I. Lyashenko

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 3,
Nov 1967, pp 714-716.

CB

Aug 63

362,036

Role of Nucleic Acids and Protein in the Radio-stimulation of Plant Growth, by S. O. Grebinskiy and N. M. Fornyak
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 3,
Nov 1967, pp 717-719.

CB

AFRS 44:45

AUG 68

362,091

Role of Natural Gibberellins in the Photo-periodic Response of the Peach and Grape,
by I. E. Kocherzhienko and T. K. Maiko
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 3,
Nov 1967, pp 720-723.

CB

Aug. 68

362,092

Changes in Content of Caffeic and Chlorogenic
Acids in the Peripheral Layer of Potato Tubers
during the Storage Period, in Varieties which
Differ in Resistance to Phytophthora Infestans,
by V. E. Sokolova and Yu. V. Zvyagintseva
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 3,
Nov 1967, pp 724-727.

CB

Aug 63

362,004

Activating and Inhibitory Action of X-Rays on
Functional State of the Retina and Its Ability
to Induce the Cornea, by V. V. Popov
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 3,
Nov 1967, pp 728-731.

CB

AUG 69

362, 134

Functional Organization of the Afferent Connections of Purkinje Cells in the Parallelian Lobe of the Cerebellum, by Yu. I. Arshavskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 3, Nov 1967, pp 732-735.

CB

Aug 68

362, 353

Dependence of the Duration of the Action
Potential of Single Cardiac Muscle Fibers on the
Restitution Time of an Excitable Membrane,
by E. B. Babskii
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 3,
Nov 1967, pp 736-739.
CB

Aug 68

362,351

Compact Numerical Representation of the QRS-
Complex of the Electrocardiogram, by
K. K. Valuzhis
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 3,
Nov 1967, pp 740-742.
CB

Aug 63

362,352

Some Features of the Electrical Activity of
the Frog Brain, by A. A. Spasskii
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 3,
Nov 1967, pp 743-744.

CB

AAJ 64

362,393

Quasirandom Oscillations and the Problem of
Capture in the Bounded Three-Body Problem, by
V. M. Alekseev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 4, 1967, pp 751-754.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,369

Shimura's Conjecture for Siegel's Modular
Group of Genus 3, by A. N. Andrianov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 4, 1967, pp 755-758.
Am Math Soc
Vol 6, No 6, 1967

Dec 68

354,370

The Cauchy Problem for General Linear Equations,
by V. M. Borok.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 4, 1967, pp 759-762.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,371

Topological Invariants of Noncompact Lie
Groups Related to Infinite-Dimensional
Representations, by I. M. Gel'fand,
D. B. Fuks.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 4, 1967, pp 763-766.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,372

The Generalized Riemann-Liouville Operator
and Some of its Applications, by

M. M. Dzrbasjan.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 4, 1967, pp 767-770.

Am Math Soc

Vol 8, No 6, 1967

Dec 68

354,373

Angular Boundary Values of Quasiconformal
Mappings of a Ball, by V. A. Zoric.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 4, 1967, pp 771-773.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354, 374

Reflexivity of Certain Unions of Semiordered
Spaces, by I. P. Kostenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 4, 1967, pp 774-777.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,375

Dimensionality of the Product of Ordered
Continua, by I. K. Lifanov,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 4, 1967, pp 778-781.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,376

The Radon Transform in Spaces of Matrices
and in Grassmann Manifolds, by E. E. Petrov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 4, 1967, pp 782-785.
Am Math Soc
Vol 8, No 5, 1967

Dec 68

354,377

A Nonelliptic Dirichlet Problem, by R. S. Saks.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 127,
No 4, 1967, pp 786-789.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,378

Best Uniform Approximation of Continuous
Functions by Entire Functions of Finite
Degree on the Whole Real Axis, by
A. F. Timan.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 4, 1967, pp 790-792.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,379

Methods for Solving Generalized Problems of
Smoothing and Extrapolation of Random Functions,
by D. B. Judin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 4, 1967, pp 793-795.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,380

The Asymptotic Solution of Equations for a
Controllable Process, by K. A. Abgaryan
RUSSIAI, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 796-799.

Am Inst Phys
Vol 12, No 12, Jun 1968

Aug 63

361,033

Optimization of the Synthesis of Technological
Automatic Machines, by I. I. Artobolevskii,
D. Ya. Il'inskii
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 800-803
Am Inst Phys
Vol 12, No 12, Jun 1968

Aug 60

361,042

Unsteady Escape of Gas in a Constant Gravity
Field, by K. P. Stanyukovich and K Dzhusupov
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 804-807.
Ar: Inst Phys
Vol 12, No 12, Jun 1968

Aug 68

361,037

Deformation of an Orthotropic Viscoelastic Body under Plane-Problem Conditions, by
L. A. Galin

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 808-811.
Am Inst Phys
Vol 12, No 12, June 1968

Ang 03

361,055

Radiation Diffusion in the Presence of a
Strongly Elongated Dispersion Indicatrix, by
V. V. Sbolev

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 812-815.

Am Inst Phys

Vol 12, No 12, Jun 1968

2-
2-
2-

Aug 68

361,024

The Adiabatic Hypothesis in Axiomatic Field Theory, by B. V. Medvedev and M. K. Polivanov
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 816-819.
Am Inst Phys
Vol 12, No 12, Jun 1968

Aug 68

361,040

The Uniqueness of Solutions of Integral Equations of the Second Kind for Diffraction on Nonclosed Screens, by Ya. N. Fel'd
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 820-823
Am Inst Phys
Vol 12, No 12, Jun 1968

Aug 69

361, 341

Determination of the Maximum Work in an Isolated System with Limited Energy Capacities of the Source and Sink, by G. A. Varshevskii

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 828-831
Am Inst Phys
Vol 12, No 12, Jun 1968

Aug 68

361,039

Crystal Structure of Vinogradovite
 $\text{Na}_4\text{Ti}_4[\text{Si}_2\text{O}_6]_2[\text{Si}_4\text{O}_{10}]_{10} \cdot n\text{H}_2\text{O}$,

by R. K. Rastsvetaeva and V. I. Simonov
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 832-834.
Am Inst Phys
Vol 12, No 12, Jun 1968

Aug 68

361,030

Study by the NMR Method of the Kinetics of
Exchange of Hydrogen Between Tert-Butylhydroperoxide
and Water, by A. I. Brodskii, I. F. Franchuk.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 177, No 4, Dec 1967, pp 873-875.
CB

Oct 68

363,323

Numerical Integration of Systems of Differential
Equations of Chemical Kinetics with any Ratio of
Reaction Rate Constants, by F. A. Bulkhman,
V. G. Melamed.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 177, No 4, Dec 1967, pp 876-879.
CB

Oct 68

363,324

Numerical Integration of Systems of Differential
Equations of Chemical Kinetics with any Ratio of
Reaction Rate Constants, by F. A. Bulkhman,

V. G. Melamed.

RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 177, No 4, Dec 1967, pp 876-879.

CB

363,324

Oct 68

Features of the Magnetic Properties of Sulfur-
and Oxygen-Containing Chelate Complexes of
Fe(III) and Mn(II), by N. S. Garif'yanov,
S. E. Kamenev.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 177, No 4, Dec 1967, pp 880-882.
CB

Oct 68

363,325

Anomalous Increase in Tear Strength of Polymers,
by V. G. Raevskii, M. N. Tolmacheva.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
vol 177, No 4, Dec 1967, pp 883-885.

CB

Oct 68

363,326

Influence of Heating Rate on the Temperature
Characteristic of the Nondiffusive Transition
of Zirconium Dioxide, by A. M. Gavrilish and
B. Ya. Sukharevskii
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 886-889.
CB

Aug 68

36C, 067

Anomalous Graphitization of the Carbon Bottom
of an Aluminum Cell, by M. B. Rapoport and
I. M. Mal'tseva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 890-892.
CB

Aug 60

362,063

Autoradiographic Investigation of RNA Synthesis in Circulating Neutrophils of Various Species of Animals, by N. I. Komarovich
NUSSLI, rer, Dok Ak Nauk SSSR, Vol 177, No 1,
Dec 1967, pp 933-935
CB

Aug 67

360, 325

Preservation of Ultrastructures of the Cell
After Freezing And Drying, by Ya. Yu.
Korissarchik
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 930-937.
CE

Ang. 6)

362,306

Variation in Resistance of Colorado Beetle
to Cyanide in Period of Postembryonic Development,
by T. Filavov
RUSSIAN, ref., Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 938-941.

CB

Aug 68

362,329

Effect of Cowpox Virus on Mitosis in Cultures
of Pig Embryo Renal Cells, Line RES (Clone 1),
by V. N. Elyumkin
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 171, No 4,
Dec 1967, pp 942-944.

CB

Aug 63

362,364

Suppression of Viral and Chemical Carcinogenesis by Artificial Heterogenization,
by V. P. Gamburg
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 945-947.
CB

Au_C 63

362, 313

Deamination of L-Amino Acids in Kidney Tissue,
by G. Kh. Bonyatyan, A. S. Oganesyan.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 951-954.

CZ

Jul 66

361,079

Clostridium perfringens Spheroplasts and their Ability to Synthesize Proteins of the Exoantigenic Complex, by V. I. Gorshkova, V. V. Vysotskii. RUSSIA, per, Dok Ak Nauk SSSR, Vol 177, No 4, Dec 1967, pp 955-958.

CB

Jul 68

361,080

Terpene Formation in Blue-Green Algae, by
L. A. Sirenko and A. I. Shkevich
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 959-960.

CB

Aug 68

362,035

Relationship of the Economic Coefficient with
the Performance of the Assimilatory Apparatus in
Spring Wheat, by V. A. Kumakov
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 961-963.

CE

Aug 68

362,993

Combined Culture of Lymph Nodes and Tumor Tissue Diffusion Chambers, by T. P. Evgen'eva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 964-966.

CB

Aug 20

362,335

Dynamics of Changes in Membrane Potential of
Giant Neurons of Hirudo Medicinalis in Calcium-
Free Solutions, by G. N. Akoev
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 957-969.
CE

Aug 60

362,354

Alteration of Action Potentials in Individual Muscle Fibers of the Heart, by E. B. Babskii
RUSSIAN, per, Dok Akad Nauk SSSR, Vol 177,
No 4, Dec 1967, pp 970-973.

CB

Aug 63

362,355

Effect of Hydrocortisone on the Life Cycle of
Spontaneous Mouse Lymphatic Leukemia Cells,
by S. A. Goncharova
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 974-976
CB

Aug 68

362,356

Proteins of the Dog and Rabbit during the
Development of Experimental Atherosclerosis
and in the Period After Terminating the Induction
Pathology, by Z. A. Sokolova
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 977-980.

CB

Aug 68

362,357

Spontaneous Manifestations of the Active
Electric Field of the Dog Hypothalamus, by
A. A. Spasskii
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,
Dec 1967, pp 981-983.
CB

Aug 63

362,353

Apriori Estimates and Solvability of Quasi-linear Elliptic Second-Order Equations in a Domain with Nonlinear Boundary and Adjointness Conditions, by M. V. Borsuk.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 5, 1967, pp 991-994.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,381

An Example of an Open Compact Monotonic
Continuous Mapping of a Nonmetrizable Bi-
compactum onto a Compactum, by N. V. Velicko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 5, 1967, pp 995-996.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,382

Justification of A. A. Markov's Constructive
Selection Principle, by A. G. Dragalin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 5, 1967, pp 997-1000.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,383

Multiplicities of Weights of Representations
and Multiplicities of Representations of
Semisimple Lie Algebras, by A. U. Klimyk.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 5, 1967, pp 1001-1004.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,384

A Problem in Queueing Theory and a Related
Generalization of the Cylindrical Functions
 J_k , by L. A. Ljusternik.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 5, 1967, pp 1005-1007.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,385

Verbal and Marginal Subgroups of Linear
Groups, by Ju. I. Merzljakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 5, 1967, pp 1008-1011.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,386

The Cauchy Problem for an Equation of the
First Order in Time with Variable Coefficients,
by Ju. V. Sidorov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 5, 1967, pp 1012-1014.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,387

A Class of Degenerating Quasilinear Equations,
by M. I. Freidlin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 5, 1967, pp 1015-1018.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,388

Improvement in the Smoothness of Functions in
the Kolmogorov Superposition Theorem, by

B. L. Fridman.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 5, 1967, pp 1019-1022.

Am Math Soc

Vol 8, No 6, 1967

Dec 68

354,389

Solution of Word Equations in Three Unknowns,
by Ju. I. Hmelevskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 5, 1967, pp 1023-1025.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,390

Construction of Subgroups in Finite Groups,
by S. A. Cunihin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 5, 1967, pp 1026-1029.
Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,391

Application of Control Feedback for Identifica-
tion and Estimate of the Stability Margin of
Stochastic Plants, by V. V. Belyi and M. F.
Dimentberg
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1030-1033.
Am Inst Phys
Vol 12, No 12, Jun 1968

Aug 68

361,034

Generalization of a Theorem of M. Inagaki
by I. G. Globenko
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1034-1035.
Am Inst Phys
Vol 12, No 12, Jun 1968

Aug 68

361,035

Equations for Finite Dimensional Probability
Distributions of a Field of Turbulence, by
A. S. Monin
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, № 5,
Dec 1967, pp 1036-1038.
Am Inst Phys
Vol 12, No 12, Jun 1968

Aug 68

361,038

Relations on Surfaces of Discontinuity of Stress
in Three-Dimensional Perfectly Rigid-Plastic
Solids, by G. I. Bykovtsev
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1039-1042.
Am Inst Phys
Vol 12, No 12, June 1963

Aug 68

362,056

The Nature of Fragmentation in Meteoric Bodies,
by P. B. Babadzhanov and E. N. Kramer
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1043-1046
Am Inst Phys
Vol 12, No 12, Jun 1968

Aug 68

361, M2

Emission Currents in Diodes Having a GaAs-Layer Structure, by E. I. Adirovich and L. A. Dubrovskii
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1047-1049
Am Inst Phys
Vol 12, No 12, Jun 1968

Aug 68

361,043

Equation of State of Trinitrotoluene, by
G. V. Belyakov and G. G. Vilenskaya
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1050-1053
Am Inst Phys
Vol 12, No 12, Jun 1968

Aug 68

361,044

Irreversible Processes in a System with
Internal Rotations, by L. A. Pokrovskii
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1054-1057
All Inst Phys
Vol 12, No 12, Jun 1968

Aug 68

361,045

An Algorithm for the Determination of Parameters
of a Particle Moving in a Hydrogen Chamber under
Conditions of an Inhomogeneous Magnetic Field
and Damping, by F. M. Filler
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1058-1061.
Am Inst Phys
Vol 12, No 12, June 1968

Aug 68

361,046

Possibility of Demonstrating the Migration of
Uranium and Its Decay Products in Minerals,
by I. G. Berzina and A. N. Stolyarova
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1062-1064.
Am. Inst Phys
Vol 12, No 12, June 1968

Aug 63

361,052

Development of Collective Recrystallization and
Polymerization of Silicon Iron in High-
Temperature Fatigue Testing, by M. G. Loninskii
and A. N. Romanov
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1065-1068
Am Inst Phys
vol 12, No 12, June 1968

Aug 03

361,053

Temperature Dependence of the Diffusion
Mobility of Metals, by D. A. Prokoshkin and
E. V. Vasil'eva
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1069-1071
Am Inst Phys
Vol 12, No 12, June 1968

Aug 68

361,054

Dendrite Growth Mechanism of Crystals with
the Diamond Structure, by D. A. Petrov
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 177, No 5, Dec 1967, p 1075
Am Inst Phys
Vol 12, No 12, Jun 1968

Aug 68

361,031

Use of Infrared Spectroscopy For Investigations
of Radioactive Solid Inorganic Compounds, by
M. V. Akhmanova, I. E. Mikhailenko.

RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 177, No 5, Dec 1967, pp 1120-1123.

CB

Oct 68

363,327

Catalytic Activity of Cu - Ni Alloys For the
Reaction of Isotopic Exchange of Hydrogen, by
K. N. Zhavoronkova, G. K. Boreskov.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 177, No 5, Dec 1967, pp 1124-1127.
CB

Oct 68

363,328

Thermal Decomposition of Gaseous Tetranitromethane
and Hexanitromethane, by G. M. Nazin,

G. B. Manelis.

RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 177, No 5, Dec 1967, pp 1128-1130.

CB

Oct 68

363;329

Nuclear Magnetic Resonance of the Protons of
Water Adsorbed in Vermiculite, by

F. D. Ovcharenko, V. V. Mank.

RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 177, No 5, Dec 1967, pp 1131-1133.

CB

Oct 68

363,330

Sensitized Rearrangement of o-Nitrobenzaldehyde
as a Method For Studying Electronically Excited
Molecules in Solution, by L. I. Samokhvalova,
V. A. Krongauz.

RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 177, No 5, Dec 1967, pp 1134-1137.

CB

Oct 68

363,331

Chemisorption of Diphyllic Molecules With Long
Hydrocarbon Radicals on Aluminum and Magnesium,
by Vikt. I. Spitsyn, A. Ya. Korolev.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 177, No 5, Dec 1967, pp 1138-1141.

CB

Oct 68

363,332

EPR Study of Free-Radical States, Arising Upon
Irradiation of Frozen Aqueous Solutions of
Cellobiose, Gentiobiose, and Maltose, by
N. M. Emmanuel!, V. A. Sharpatyi
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 177, No 5, Dec 1967, pp 1142-1145.
CB

Oct 68

363,333

Effect of Aggregate Size on the Service Life
of Heat-Resistant Concrete, by L. K. Doronin,
V. G. Pashkovskii
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1146-1149.
CB

Aug 68

362,069

Negative Heat Effect in Microbial Cultures,
by L. M. Pozharitskaya
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1203-1210.
CB

Aug 63

362,347

In Vitro Interaction of Lymphoid Cells with
Liver Cells of Hamsters Infected with the Poly-
oma Virus, by V. P. Gamburg
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1211-1212.

CB

Au₁ 63

362, 34

Immunologically Competent Cells in Fish,
by V. I. Luk'yanenko
RUSSIAN, per, Dokl Akad Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1213-1215.

CJ

An_e: 63

36°, 345

Utilization of Heterotrophic Assimilation of
Carbon Dioxide for the Study of the Bacterio-
static Properties of Fish Serum, by

V. I. Mikryakov

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1957, pp 1216-1218.

CB

Aug 68

362, 386

Basal Metabolism in Animals in Connection
With the Negentropy Principle of Informa-
tion, by A.I. Bykovksiy, 7 pp.
RUSSIAN, per, Pokiady Akademii Nauk SSSR,
Moscow, Vol. 177, No. 5, 1967, pp. 1219-1222.
JPRS 45,276

Sci-Electronics and Electrical Engineering
May 68 357,617

Conditions of Reversible and Irreversible Photo-Oxidation of Bacteriochlorophyll, by
A. A. Krasnovskii, N. N. Drozdova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1225-1228.

C:

Jul 68

361,481

Crystalline Hemoglobin from the Root Nodules of
the Lupin *Lupinus luteus* L., by Ya. V. Peive,
G. Ya. Zhiznevskaya.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1229-1231.

CB

Jul 66

361,082

Incorporation of Exogenous Carbohydrate Substrates in the Carbohydrate Metabolism in Certain Types of Plants, by V. I. Babenko
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5, Dec 1967, pp 1232-1235.

CE

Aug 68

362,004

Role of the Motor Analyzer in Cortical Electrical
Activity of Monkeys after Extensive Receptor
Exclusion, by E. Sh. Airapet'yants
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1236-1239.
CB

Aug 63

362,359

Dynamics of Change in the Quantity of Sulphydryl Groups in the Myocardium during the Cardiac Cycle, by Yu. E. Babskaya
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1240-1242.

CB

Aug 68

362,360

Amplitude and Frequency Modulation of the Active
Electrical Field of the Frog Brain, by A. A.

Spassakii

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1967, pp 1243-1244.

CB

Aug 68

362,361

Hatching Dates of *Misgurnus Fossilis* L. Are
Affected by Oxygen Conditions, by N. V.
Kotlyarevskaya
RUSSIA, per, Dok Ak Nauk SSSR, Vol 177, No 5,
Dec 1957, pp 1245-1248.
CB

Aug 68

362,332

Extensions of Mappings of Topological Spaces,
by N. V. Velicko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 6, 1967, pp 1255-1258.

Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,392

A Limit Theorem for the Number of Crossings
of a Level by a Stationary Gaussian Process,
by M. P. Ersov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 6, 1967, pp 1259-1262.

Am Math Soc
Vol 8, No 6, 1967

Dec 68

354,393